

IN THE CLAIMS:

Cancel claims 1-12, 14, 16, 17, and 28 - 49.

Amend claims 13, 15 and 18 to read as follows:

B4 13. (Amended) The vector pTRANS-SacB.

B5 15. (Amended) The vector pTRANS.

B6 18. (Amended) The vector pBacTA.PUC2.

REMARKSEffect of Amendments

In the forgoing amendment, Applicants have canceled claims 1-12, 14, 16, 17, and 28-49, without prejudice toward their further prosecution in a continuation or divisional application. Claims 13, 15, and 18 are now pending in the application and each has been amended to place it in independent claim form. Applicants have also amended the Brief Description of the Drawings to recite SEQ ID NOs. corresponding to the sequences displayed in Figures 7 through 9. The amendment to the Brief Description of the Drawings was suggested by and obviates all objections in the "Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures", a copy of which is attached. Also attached is a marked-up version of the forgoing amendments, entitled "Version With Markings to Show Amendments Made". No new matter was added to the instant application as a result of these amendments.

Claims 13, 15, and 18 Are Enabled Under 35 U.S.C. §112, First Paragraph

Claims 13, 15 and 18 stand rejected "as containing subject matter which is not described in the specification in such a way as to enable one skilled in the art to which it pertains, or with which it is most nearly connected, to make and/or use the invention." In particular, the rejection alleges that one of skill in the art would not have been able to make the specific vectors cited in the rejected claims, pTRANS, pTRANS-SacB and pBacTA.PUC2. See pages 3-4 of the Office Action of November 23, 2001, Paper Number 11. Applicants respectfully submit that the instant specification provides detailed examples of the construction of these vectors from commercially available components in "Example 1: Construction of pTRANS vectors" and "Example 2: Construction of BAC vectors", found on pages 18 and 19 of the originally filed specification. Accordingly, one of skill in the art is enabled to produce these vectors. Reconsideration and withdrawal of this rejection are respectfully requested.

Claims 13, 15 and 18 Are Free of the Prior Art

As recognized by the Examiner on page 4 of the Office Action of July 28, 2002 (Paper Number 17), claims 13, 15 and 18 are free of the prior art.